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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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Xiaoqin Duan

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EXAMINER

GU, YU

ART UNIT

PAPER NUMBER

2617

NOTIFICATION DATE

DELIVERY MODE

09/10/2010

ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@slater-matsil.com

<b>Office Action Summary</b>	<b>Application No.</b> 10/556,913	<b>Applicant(s)</b> DUAN ET AL.	
	<b>Examiner</b> YU (Andy) GU	<b>Art Unit</b> 2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 02 July 2010.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 3-24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 3,4 and 7-24 is/are rejected.
- 7) ☒ Claim(s) 5, 6 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>7/02/2010</u> . | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Status of Claims*

1. Applicant's amendment, filed on 7/02/2010, has been entered and carefully considered. Claims 3-12 have been amended. Claims 1-2 have been cancelled. New claims 13-24 have been added. Accordingly, claims 3-24 are pending.
2. In light of amendment to claims and newly emerged prior art, the Examiner has withdrawn the previously indicated allowability of claims 8-9. However, the objections to allowability are maintained for claims 5 and 6.

### *Claim Rejections - 35 USC § 102*

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. **Claims 12** are rejected under 35 U.S.C. 102(e) as being anticipated by US 20030153310 A1 Ishii (herein after Ishii).

Regarding to **claim 12** (currently amended), Ishii discloses a *handling method after updating of private profile of a target UE, the method comprising:*

- *when a location service (LCS) system is aware that a privacy profile (e.g. privacy settings) of the target UE was updated (e.g. by determining if*

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- privacy settings has been altered), *for a deferred location request (e.g. event-trigger location request) in activated state against the target UE, the deferred location request being form a LCS client (e.g. client terminal)requesting for location information of the target UE* (see at least paragraph [0031]-[0036]), *the LCS system performing a private check based on the updated private profile of the target UE* (see at least paragraph [0052]),
- *If the deferred location request passes the privacy check, the LCS system continuing to handle the deferred location request* (see at least paragraph [0052]);
  - *Otherwise, if the deferred location request does not pass the private check, the LCS system initializing a cancellation procedure to deferred location request* (see at least paragraph [0053]).

Regarding to **claim 3** (currently amended), Ishii discloses the limitations as shown in the rejection of claim 12. Ishii further discloses *when there are more than one deferred location request* (e.g. as there as more than one events in the event-triggered location request, e.g. "inter-cell handover" or "returns to the network") *against the target UE in activated state, for each of the deferred location request in activated state, performing the LCS system the privacy check step* (see at least paragraph [0052]).

Regarding to **claim 4** (currently amended), Ishii discloses the limitations as shown in the rejection of claim 12. Ishii further discloses *wherein performing a privacy check for the deferred location request, the LCS system performing*

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*comparing saved information of the deferred location request with the updated privacy profile of the target UE, deciding whether the saved information of the deferred location request satisfies a condition of the target UE's updated privacy profile to allow the location information of the target UE to be provided to the LCS client, if the condition to allow the location information of the target UE to be provided to the client is satisfied, the deferred location request the privacy check; otherwise, if the condition is not satisfied, the location request not passing the privacy check.*

Regarding to **claim 8** (currently amended), Ishii discloses the limitations as shown in the rejection of claim 12. Ishii further discloses *a Privacy Profile Register (PPR) sending to a GMLC of the LCS system an LCS Privacy Profile Update Notification* (see at least paragraph [0057], e.g. "PPR 207 is requested to send the privacy settings of the target UE to the requesting GMLC...").

Regarding to **claim 10** (currently amended), Ishii discloses the limitations as shown in the rejection of claim 12. Ishii further discloses *the LCS system sending to the LCS client a notification of the cancellation of the deferred location request* (see at paragraph [0052] and [0032] and Fig 9c and 2C and their corresponding text descriptions).

Regarding to **claim 11** (currently amended), Ishii discloses the limitations as shown in the rejection of claim 12. Ishii further discloses *GMLC sending to the LCS client a notification of the cancellation the change of area event (e.g. "returning to the network") deferred location request* (see at paragraph [0052] and [0032] and Fig 9c and 2C and their corresponding text descriptions).

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Regarding to **claim 13** (new), Ishii discloses the limitations as shown in the rejection of claim 12. Ishii further discloses *if the LCS client is allowed to have the location information of the target UE, the deferred location request passes the privacy check; if the LCS client is not allowed to have the location information the target UE, the deferred location request does not pass the privacy check* (see at least paragraph [0052]-[0055]).

Regarding to **claim 14** (new), Ishii discloses the limitations as shown in the rejection of claim 12. Ishii further discloses *wherein initiating the cancellation procedure to the deferred local request comprises: sending, by a mobile location center (e.g. GMLC), to a core network (CN) a cancellation request for requesting cancelling the deferred location request in activated against the target UE, wherein the cancellation request includes an identification of the deferred location request* (see at least paragraph [0053]).

Regarding to **claim 15** (new), Ishii discloses the limitations as shown in the rejection of claim 12. Ishii further discloses *wherein the privacy profile of the target UE is stored in a mobile location centre or a privacy profile register (PPR) of the location system* (see at least paragraph [0057]).

Claims **16-24**, containing similar limitations as those of claims 1-11, are rejected on the same ground (s) as claims 1-11.

### ***Claim Rejections - 35 USC § 103***

5. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

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Regarding to **claim 9** (currently amended), Ishii discloses the limitations as shown in the rejection of claim 12 and 8. Ishii does not disclose *after the PPR sends the LCS Privacy Profile Update Notification, the method further comprising: the GMLC returning to PPR an LCS Privacy Profile Update Notification ACK*. However, it is widely well known in the art at the time of the invention among people of ordinary skill in the art to respond to a transmission with an acknowledgement so as to ensure the reception of the transmission, and therefore improve communication quality.

#### ***Allowable Subject Matter***

6. Claims 5 and 6 are objected to as being dependent upon a rejected base claim, but each would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

#### ***Conclusion***

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

US **20060135174** A1 describes systems and methods for cancelling a deferred location request

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to YU (Andy) GU whose telephone number is (571)270-7233. The examiner can normally be reached on Mon-Thur 8:30-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester G. Kincaid can be reached on 5712727922. The

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fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/YU (Andy) GU/  
Examiner, Art Unit 2617

/LESTER KINCAID/  
Supervisory Patent Examiner, Art Unit 2617